

Appl. No. 09/685,200  
Amendment dated July 19, 2004  
Reply to Office Action of May 19, 2004

**IN THE DRAWINGS:**

Please amend the drawings by replacing originally-filed Figures 1A, 1B, 2, 3, 4A, 4B, and 5A-5C with the same Figures, but designated by a legend --Prior Art--.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

H104  
1.2904



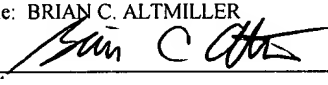
Appl. No.: 09/685,200  
Applicants: John W. McCorkle  
Filed: October 10, 2000  
TC/A.C.: 2634  
Examiner: Liu, Shuwang  
Docket No.: XSI.004 / 10X-212  
Customer No.: 23400  
ENTITLED: LEAKAGE NULLING RECEIVER CORRELATOR STRUCTURE AND  
METHOD FOR ULTRA WIDE BANDWIDTH COMMUNICATION SYSTEM

Attention: Official Draftsperson  
U.S. Patent and Trademark Office  
220 20th Street, S.  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

CERTIFICATE OF HAND DELIVERY

I hereby certify that this correspondence is being hand delivered to and deposited with the USPTO at the Customer Service Window, Office of Initial Patent Examination, Crystal Plaza Building 2, Room 1B03, 2011 South Clark Place, Arlington, VA 22202 on July 19, 2004.

Typed Name: BRIAN C. ALTMILLER

Signature: 

REQUEST FOR APPROVAL OF PROPOSED DRAWING CHANGE PER MPEP §§ 608.02(p),(r)

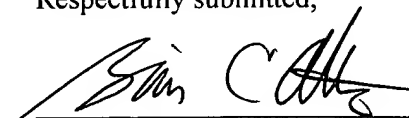
Sir:

Pursuant to MPEP §§ 608.02(p), (r) Applicant respectfully requests approval of the proposed drawing change indicated in red ink in the attached copy of FIGs. 1A-5C of the present application. In particular, the legend "Related Art" has been added to each figure.

Applicant will submit a corresponding revised formal drawing upon receiving approval off the proposed drawing change.

It is respectfully requested that any additional fees be charged to Deposit Account 50-1147.

Respectfully submitted,



Brian C. Altmiller  
Reg. No. 37,271

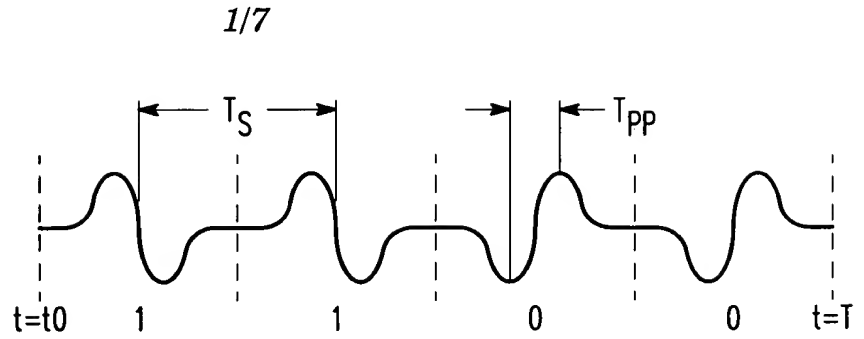
Date: July 19, 2004

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11250 Roger Bacon Drive  
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Reston, VA 20190  
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Customer No. 23400

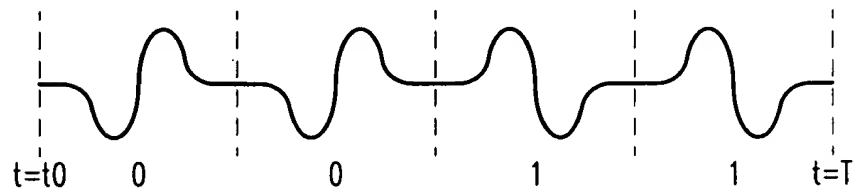
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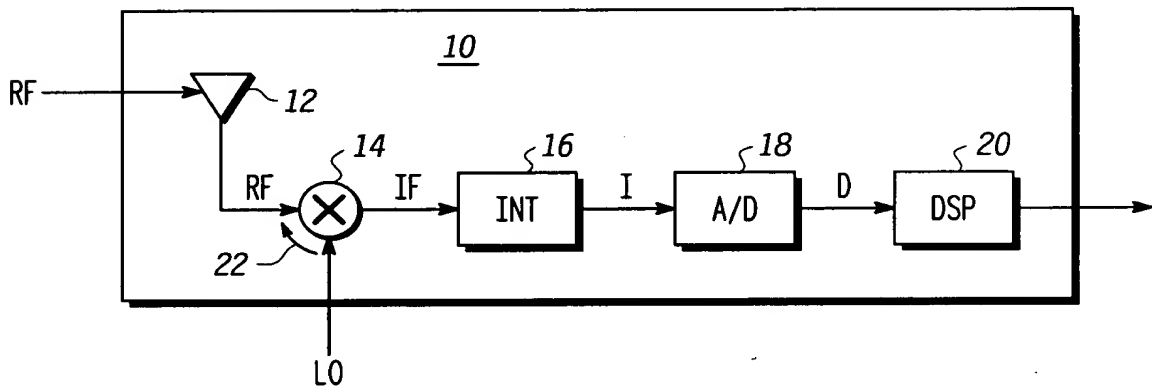
Technology Center 2600



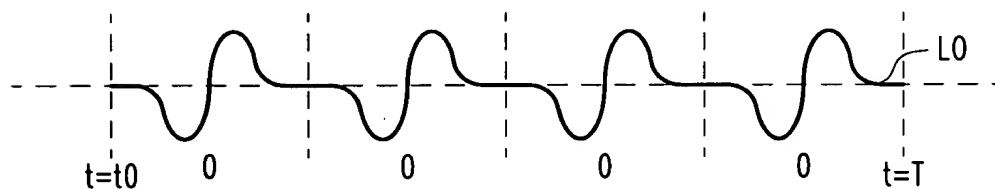
**FIG. 1A**



**FIG. 1B**

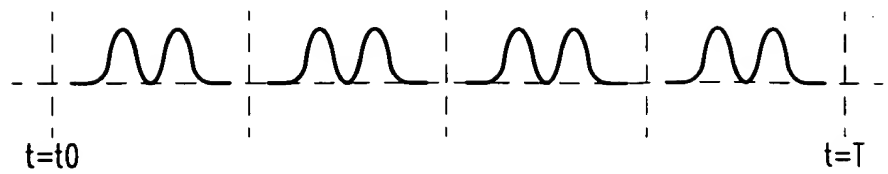
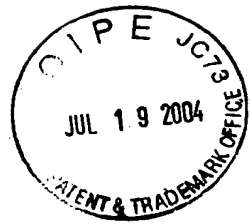


**FIG. 2**

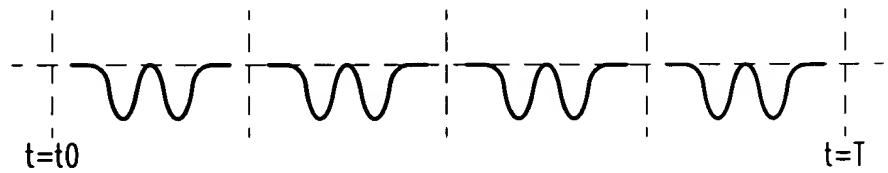


**FIG. 3**

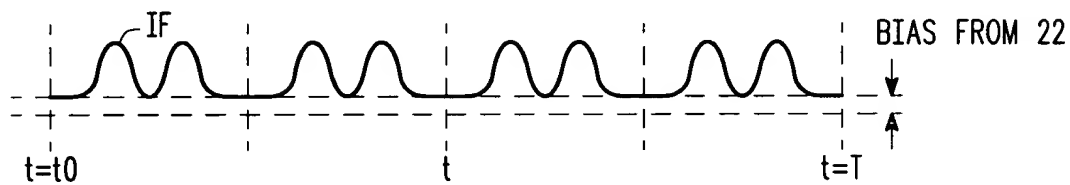
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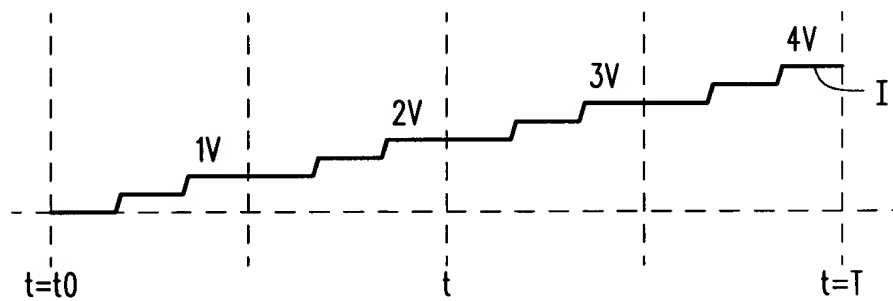
**FIG. 4A**



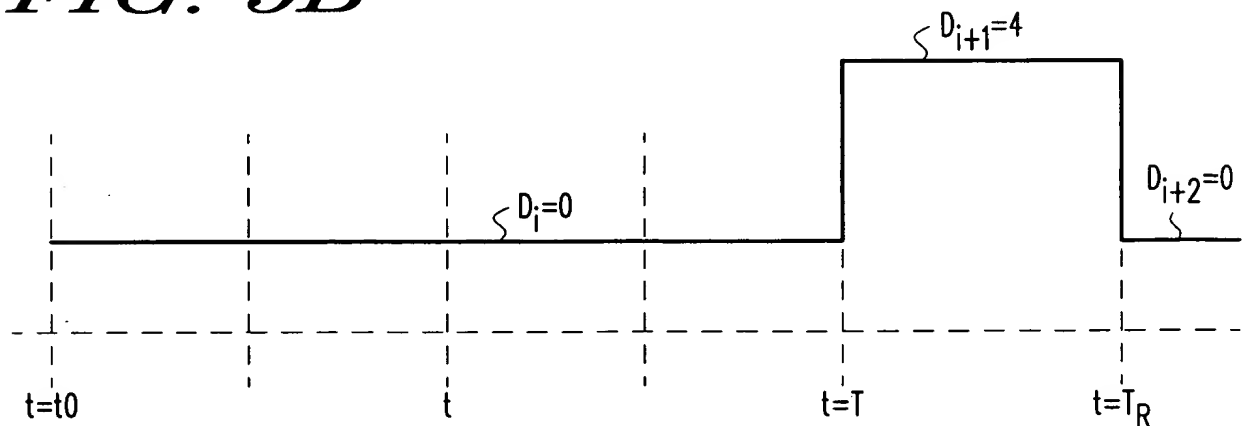
**FIG. 4B**



**FIG. 5A**

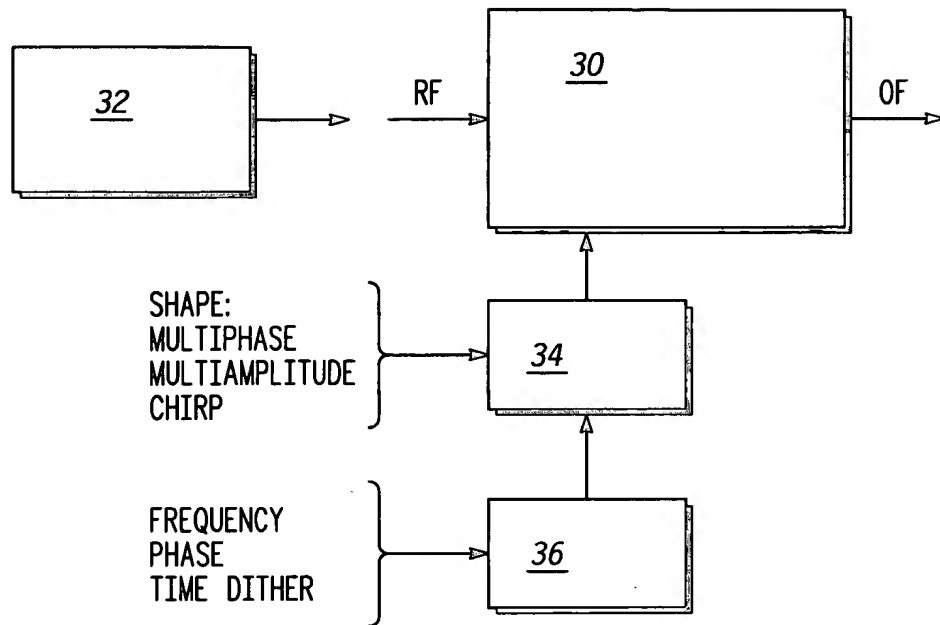


**FIG. 5B**

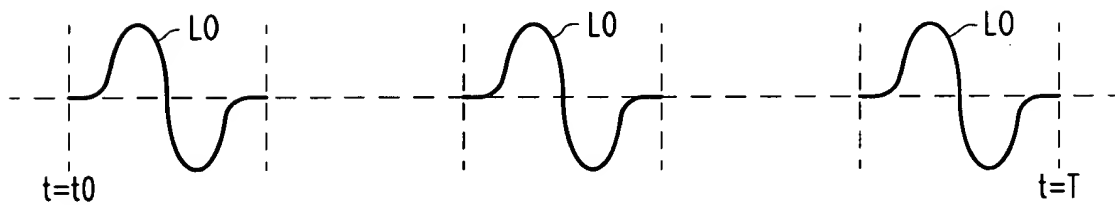


**FIG. 5C**

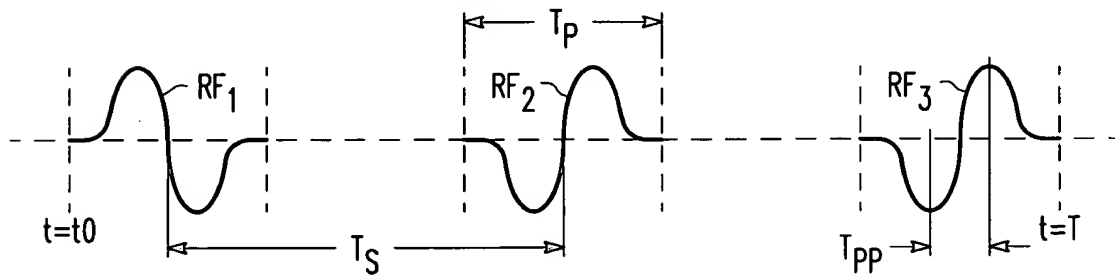
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*FIG. 6*

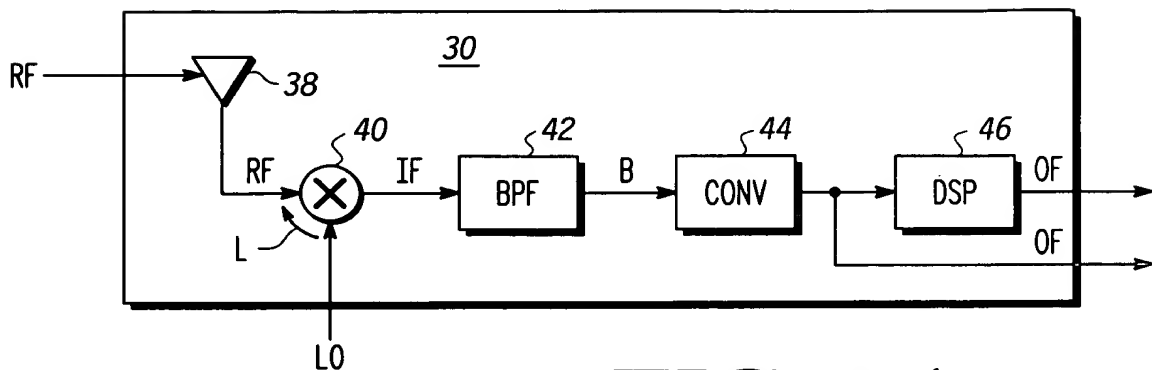


*FIG. 7*

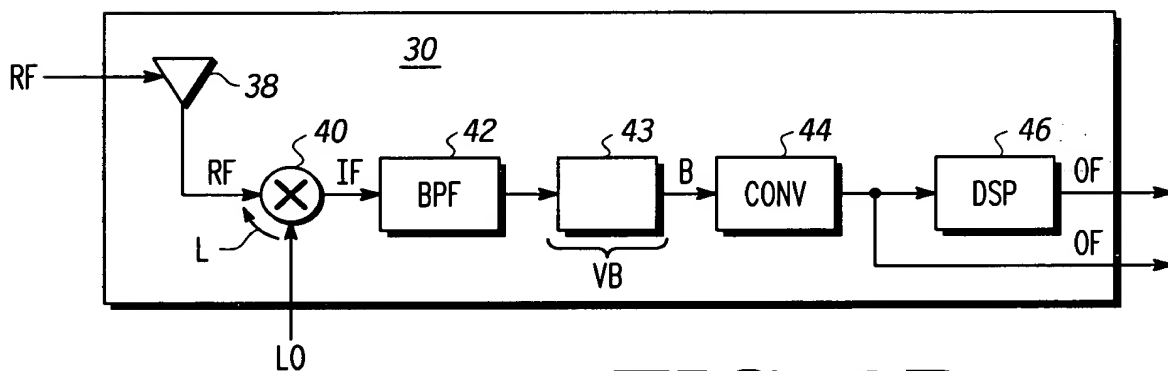


*FIG. 8*

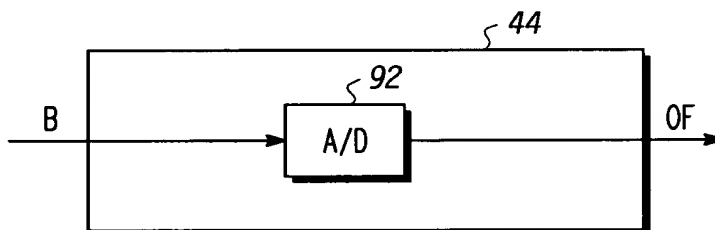
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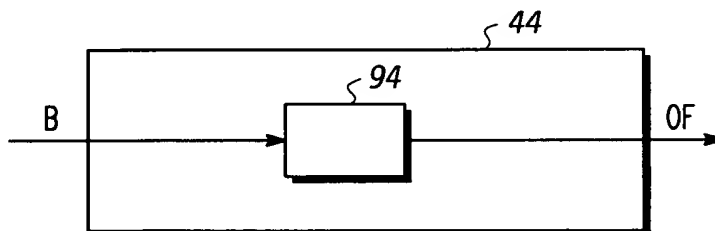
*FIG. 9A*



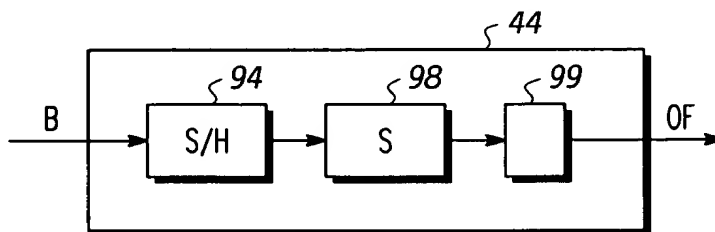
*FIG. 9B*



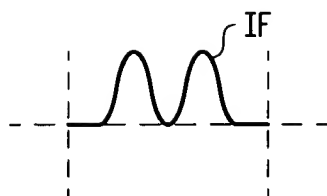
*FIG. 9C*



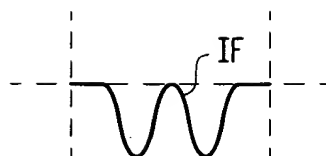
*FIG. 9D*



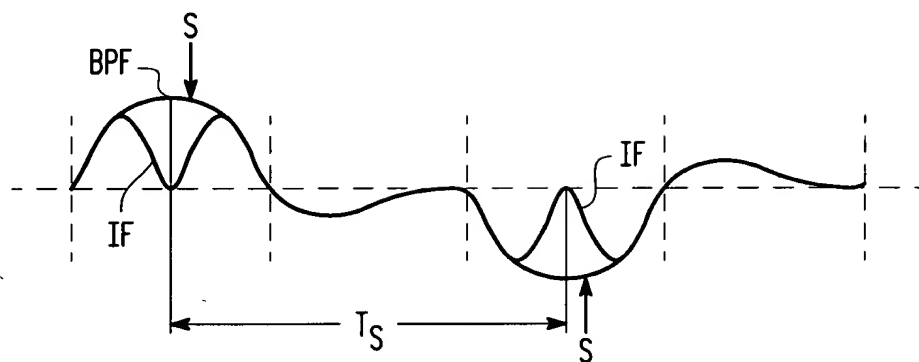
*FIG. 9E*



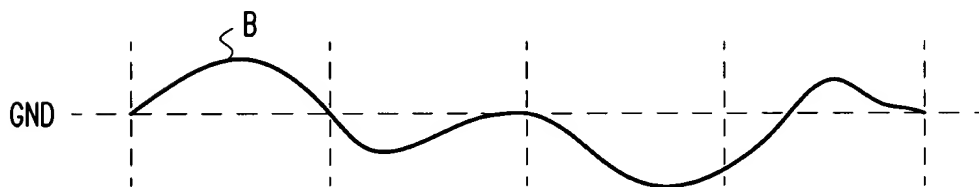
*FIG. 10A*



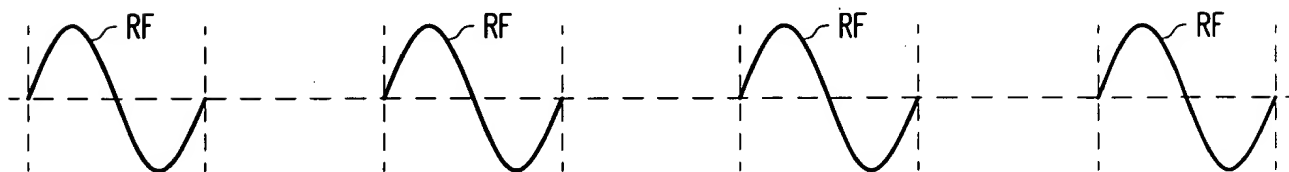
*FIG. 10B*



*FIG. 11A*



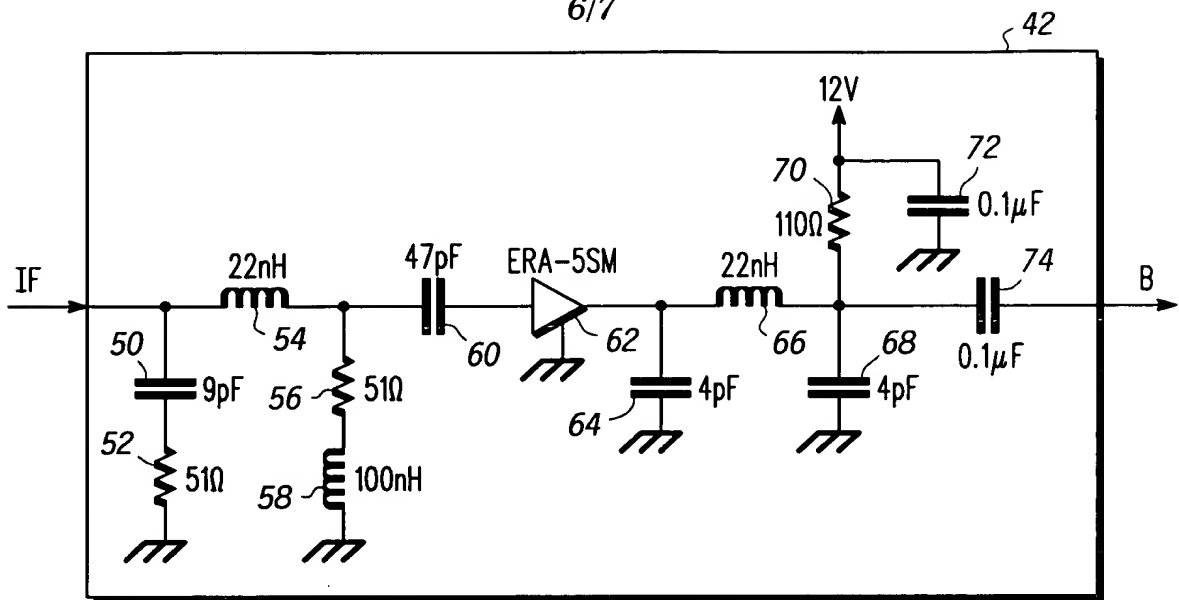
*FIG. 11B*



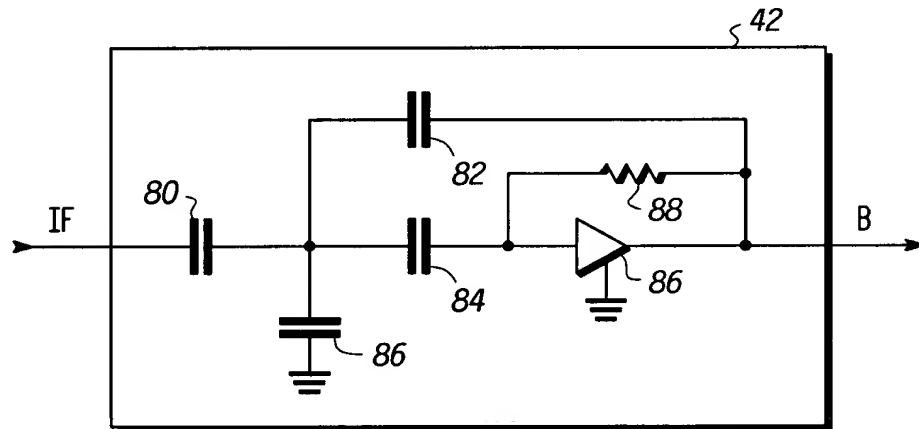
*FIG. 12*



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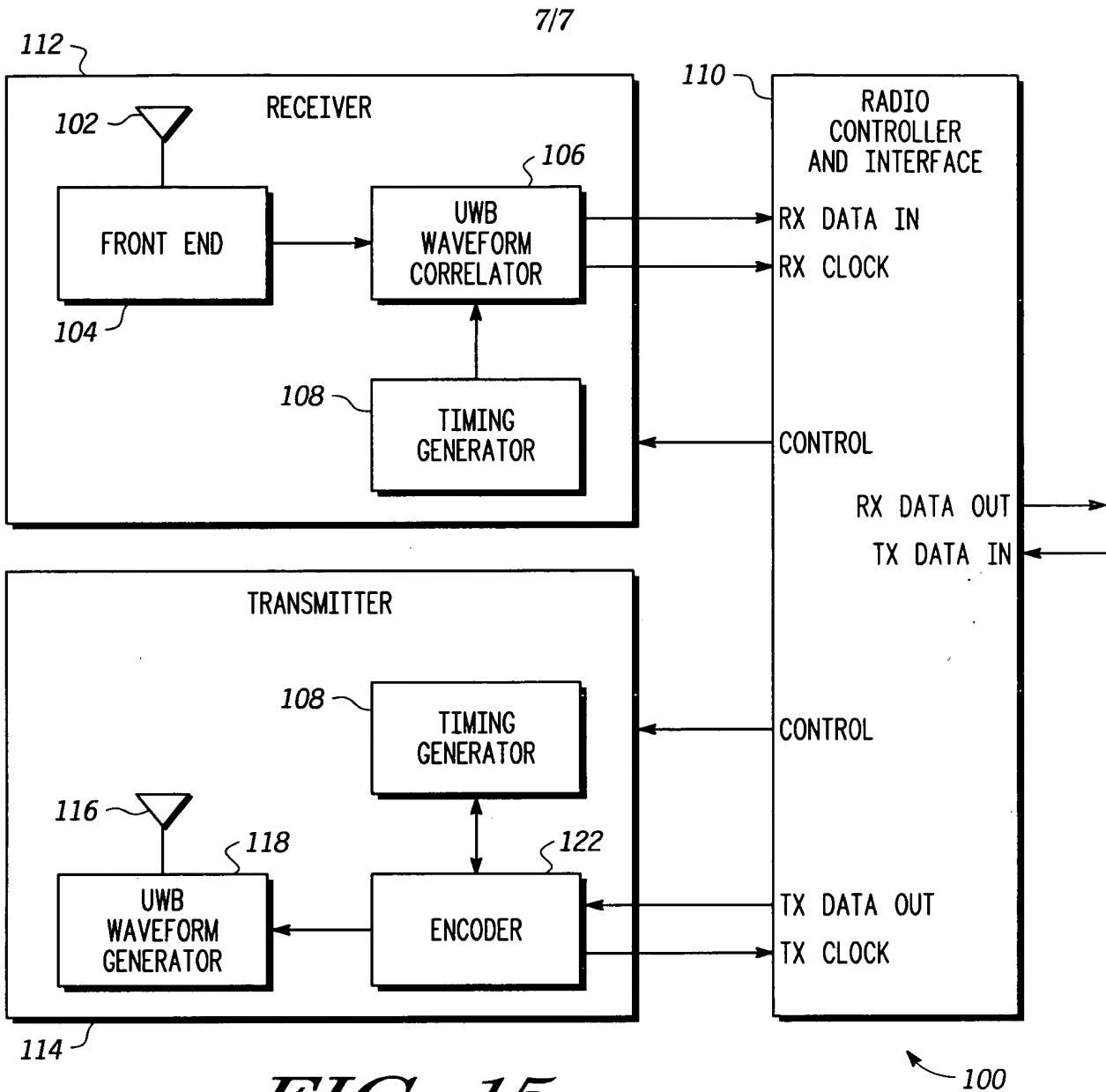
**FIG. 13A**



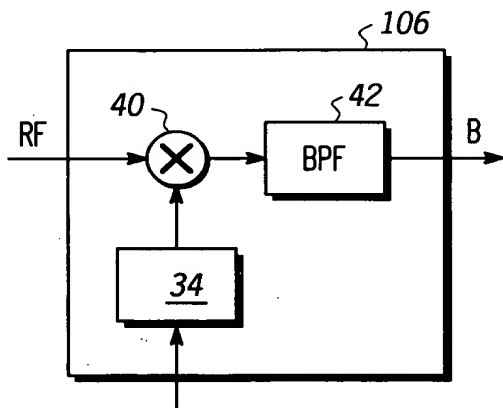
**FIG. 13B**

RF	LO	RECEIVER CORRELATOR 30	RECEIVER CORRELATOR 10
1	1	+IV	1+a
0	0	+IV	1-b
1	0	-IV	-1-b
0	1	IV	-1+a

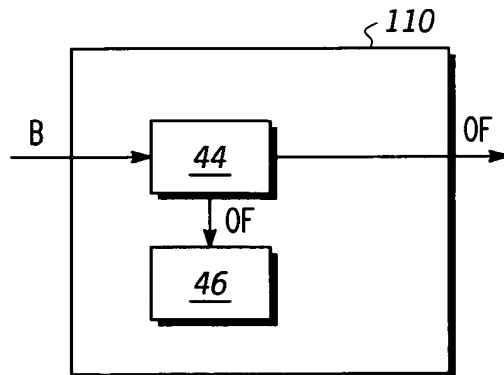
**FIG. 14**



*FIG. 15*



*FIG. 16*



*FIG. 17*